

## **Knöll Systems**

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Congratulations for choosing this HDTV projector. To assure correct installation, please follow these instructions carefully. If you have questions or comments, please don't hesitate to call or write your Knöll dealer.

- 1. Calculate the maximum and minimum distance from the projector to the screen using the HD101, HD110,HD177 or HD272 manual or our web site at www.knollsystems.com/dlpchose.htm. The ceiling mount center bolt needs be about 3" to the left (when viewing the screen) of the left to right center imaginary line from the screen.
- 2. Select a safe and secure position to firmly screw the square ceiling mount to the ceiling. We do NOT RECOMMEND using sheet rock or wall board with inserts to hold the projector and mount. Instead screw the ceiling mount to a secure joist or use a 1/2" painted wood butch plate secured to the joists and the ceiling mount screwed to the butch plate.
- 3. After screwing the ceiling mount to the ceiling thread the knuckle assembly on to the ceiling mount. With a allen wrench, slightly loosen the knuckle assemble screw.
- 4. Using the three supplied nylon spacers, mount the triangle shaped projector mount on the projector With the enclosed bolts and lock washers. Be sure to use the lock washers. Tighten but do not over tighten the screws.
- 5. Thread the projector mount onto the knuckle assembly (mounted on the ceiling mount) and spin the projector until it is tight. Spin the projector up to one more complete turn until it is facing the correct direction and the allen nut is also facing the screen.
- b. Lurn the projector on and horizontally and vertically adjust the projector until the image fills the screen. Tighten the knuckle assembly with the allen wrench. The projector may need to have its keystone adjusted so the image top and bottom fit on the screen.
- 7. Some jurisdictions require a second safety attachment on all ceiling mounted equipment. If this is the case in your area, add a secondary attachment. A popular method is to use a fishing leader from the projector's adjustable foot to the ceiling.